

Amendments in the claims:

1 **1. (Currently Amended (Twice))** In a telecommunications network comprising a
2 program service provider connected to a plurality of program content providers, a method of
3 performing program-on-demand from a Session Initiation Protocol (SIP) terminal, the
4 method comprising the steps of:

5 a) receiving a program request by the service provider from the SIP terminal, the
6 program request comprising a program list including one program identification for each of
7 a plurality of selected streaming programs offered to the SIP terminal;

8 b) responsive to ~~a receipt of the program request step a)~~, determining, in-by the
9 service provider, a content provider storing a first program (P1) from the plurality of selected
10 streaming programs included in the program list, wherein step b) is performed using a table
11 associating program identifications with content providers; and

12 c) ~~the service provider~~ establishing, by the service provider, a first SIP session
13 between the SIP terminal and the content provider storing the first program P1 for
14 streaming the first program P1 over the first SIP session from the content provider storing
15 the first program P1 to the SIP terminal.

1 **2. (Original)** The method claimed in claim 1, further comprising the steps of:

2 e) releasing the first SIP session between the SIP terminal and the content provider
3 storing the first program P1;

4 f) following the release of the first SIP session, determining in the service provider a
5 content provider storing a second program (P2) from the plurality of selected programs;

6 g) the service provider establishing a second SIP session between the SIP terminal
7 and the content provider storing the second program P2; and

1 h) streaming from the content provider storing the second program P2 to the SIP
2 terminal the second program P2 over the second SIP session.

1 **3. (Original)** The method claimed in claim 1, wherein step c) comprises the steps of:

- 2 i) sending a first INVITE message from the service provider to the SIP terminal for
3 establishing a first leg of the first SIP session; and
4 j) sending a second INVITE message from the service provider to the content
5 provider storing the first program P1 for establishing a second leg of the first SIP session.

1 **4. (Original)** The method claimed in claim 3, wherein the service provider is connected
2 to an SIP functionality having a Parlay/SIP converter and an SIP server, and wherein the
3 method comprises previous to step i) the steps of:
4 sending a Parlay/OSA RouteReq() message from a service application of the
5 service provider to the Parlay/SIP converter, the Parlay/OSA RouteReq() message being
6 indicative of a request for the establishment of the first leg of the first SIP session; and
7 upon receipt of the Parlay/OSA RouteReq() message, the Parlay/SIP converter
8 converting the Parlay/OSA RouteReq() message into the first INVITE message; and
9 the Parlay/SIP converter sending the first INVITE message to the SIP server;
10 wherein the step i) of sending the first INVITE message from the service provider to
11 the SIP terminal includes sending the first INVITE message from the SIP server to the SIP
12 terminal.

1 **5. (Previously Amended)** The method claimed in claim 4, wherein the method comprises
2 previous to step j) the steps of:
3 sending a Parlay/OSA SendInfoRequest() message from the service application to
4 the Parlay/SIP converter, the Parlay/OSA SendInfoRequest() message being indicative of a
5 request for the establishment of the second leg of the first SIP session; and
6 upon receipt of the Parlay/OSA SendInfoRequest() message, the Parlay/SIP
7 converter converting the Parlay/OSA SendInfoRequest() message into the second INVITE
8 message; and
9 the Parlay/SIP converter sending the second INVITE message to the SIP server;
10 wherein the step j) of sending the second INVITE message from the service
11 provider to the content provider includes sending the second INVITE message from the SIP
12 server to the content provider.

1 **6. (Original)** The method claimed in claim 1, wherein the step a) of sending a program
2 request is performed over an HTTP (Hyper Text Transfer Protocol) link over the Internet
3 connecting the SIP terminal and the service provider.

1 **7. (Previously Amended)** The method claimed in claim 1, further comprising the
2 step of:

3 d) streaming a program data of a first program P1 from the content provider to the
4 SIP terminal using a Real-Time Protocol (RTP) over the first SIP session.

1 **8. (Original)** The method claimed in claim 2, wherein the step e) of releasing the first
2 SIP session between the SIP terminal and the content provider storing the first program P1
3 is performed following a termination of the first program P1.

1 **9. (Original)** The method claimed in claim 2, wherein the step e) of releasing the first
2 SIP session between the SIP terminal and the content provider storing the first program P1
3 is performed responsive to a stop request message sent from the SIP terminal to the
4 service provider for stopping the streaming of the first program P1.

1 **10. (Original)** The method claimed in claim 2, wherein the step e) of releasing the first
2 SIP session between the SIP terminal and the content provider storing the first program P1
3 is performed responsive to a skip request message sent from the SIP terminal to the
4 service provider for skipping the streaming of the first program P1.

1 **11. (Currently Amended (Twice))** A telecommunications network comprising:
2 a program service provider connected to a Session Initiation Protocol (SIP) terminal
3 through a communications interface;
4 a plurality of programs content providers connected to the service provider;
5 wherein the SIP terminal sends to the service provider a program request
6 comprising a program list including one program identification for each of a plurality of
7 selected streaming programs offered to the SIP terminal, the service provider determines ,

8 by using a table associating program identifications with content providers, a content
9 provider storing a first program (P1) from the plurality of selected streaming programs and
10 establishes a first SIP session between the SIP terminal and the content provider, the
11 content provider streaming the first program P1 to the SIP terminal over the first SIP
12 session.

1 **12. (Original)** The telecommunications network claimed in claim 11, wherein:

2 the service provider releases the first SIP session between the SIP terminal and
3 the content provider storing the first program P1;

4 following the release of the first SIP session, the service provider determines a
5 content provider storing a second program (P2) from the plurality of selected programs;

1 the service provider establishes a second SIP session between the SIP terminal
2 and the content provider storing the second program P2; and

3 the content provider storing the second program P2 streams to the SIP terminal the
4 second program P2 over the second SIP session.

1 **13. (Original)** The telecommunications network claimed in claim 11, wherein:

2 the service provider sends a first INVITE message to the SIP terminal for
3 establishing a first leg of the first SIP session; and

4 the service provider sending a second INVITE message to the content provider
5 storing the first program P1 for establishing a second leg of the first SIP session.

1 **14. (Original)** The telecommunications network claimed in claim 13, further comprising:
2 an SIP functionality having a Parlay/SIP converter and a SIP server, the SIP
3 functionality being connected to the service provider;
4 wherein the service provider further includes a service application sending a
5 Parlay/OSA RouteReq() message to the Parlay/SIP converter, the Parlay/OSA RouteReq()
6 message being indicative of a request for the establishment of the first leg of the first SIP
7 session, wherein upon receipt of the Parlay/OSA RouteReq() message, the Parlay/SIP
8 converter converts the Parlay/OSA RouteReq() message into the first INVITE message,
9 and the Parlay/SIP converter sends the first INVITE message to the SIP server, and
10 wherein the first INVITE message is sent to the SIP terminal from the SIP server.

1 **15. (Previously Amended)** The telecommunications network claimed in claim 14,
2 wherein:
3 the service application sends a Parlay/OSA SendInfoRequest() message to the
4 Parlay/SIP converter, the Parlay/OSA SendInfoRequest() message being indicative of a
5 request for the establishment of the second leg of the first SIP session;
6 upon receipt of the Parlay/OSA SendInfoRequest() message, the Parlay/SIP
7 converter converts the Parlay/OSA SendInfoRequest() message into the second INVITE
8 message; and
9 the Parlay/SIP converter sends the second INVITE message to the SIP server;
10 wherein the SIP server sends the second INVITE message to the content provider.

1 **16. (Original)** The telecommunications network claimed in claim 11, further comprising:
2 an HTTP (Hyper Text Transfer Protocol) link over the Internet connecting the SIP
3 terminal and the service provider, wherein the SIP terminal sends the program request to
4 the service provider over the HTTP link.

1 **17. (Original)** The telecommunications network claimed in claim 11, wherein the content
2 provider streams a program data of the first program P1 to the SIP terminal using a Real-
3 Time Protocol (RTP) over the first SIP session.

1 **18. (Original)** The telecommunications network claimed in claim 12, wherein releasing
2 the first SIP session between the SIP terminal and the content provider storing the first
3 program P1 is performed following a termination of the first program P1.

1 **19. (Original)** The telecommunications network claimed in claim 12, wherein releasing
2 the first SIP session between the SIP terminal and the content provider storing the first
3 program P1 is performed responsive to a stop request message sent from the SIP terminal
4 to the service provider for stopping the streaming of the first program P1.

1 **20. (Original)** The telecommunications network claimed in claim 12, wherein the
2 releasing the first SIP session between the SIP terminal and the content provider storing
3 the first program P1 is performed responsive to a skip request message sent from the SIP
4 terminal to the service provider for skipping the streaming of the first program P1.

1 **21. (Original)** The telecommunications network claimed in claim 11, wherein the content
2 provider storing the first program P1 comprises a Program Media Player for streaming a
3 program data of the first selected program P1 to the terminal using a Real-Time Protocol
4 (RTP) over the first SIP session, following the establishment of the first SIP session.

1 **22. (Currently Amended (Twice))** A service provider for providing program-on-
2 demand in a telecommunications network, the service provider comprising:
3 a web server for receiving a program request for a plurality of selected streaming
4 programs from an offered to a Session Initiation Protocol (SIP) terminal therefrom, wherein
5 the program request comprises a program list including one program identification for each
6 of the plurality of selected streaming programs; and
7 a service application for determining, by using a table associating program
8 identifications with content providers, a content provider storing each program of the plurality
9 of selected streaming programs and for establishing an SIP communication session
10 between each content provider storing at least one of the plurality of selected streaming
11 programs and the SIP terminal, the SIP communication session being used for streaming

12 each program of the plurality of selected streaming programs to the SIP terminal from a
13 each content provider.

1 **23. (Currently Amended)** The service provider claimed in claim 22, wherein the
2 service application functions to issue Parlay/OSA messages for the establishment of the
3 SIP communication session, and the service provider is further connected to:

4 a Parlay/SIP (~~Session Initiation Protocol~~) converter for converting the Parlay/OSA
5 messages into SIP messages; and

6 a SIP server for handling an establishment of the SIP communication session.

1 **24. (Original)** The service provider claimed in claim 22, wherein the program request is
2 received through an HTTP (Hyper Text Transfer Protocol) link over the Internet connection
3 the terminal to the web server of the service provider.